INTERNATIONAL SEARCH REPORT



International application No. **0**03/001861

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B68C 1/02, B68C 1/12, B68C 1/16, B69C 1/18
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: B68C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| X | Further documents are listed in the continuation of Box C.

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Х	GB 2071986 A (DUNLOP LIMITED), 30 Sept 1981 (30.09.1981), column 3, line 36 - line 62, figure 5, abstract	1-5,18,19, 21-27
Y		28-31,33-35
A	abstract	6-17,20
х	US 1637810 A (F. EASSIE), 2 August 1927 (02.08.1927), column 1, line 20 - line 50, figures 1,2	6-17
		·
х	US 4879865 A (P.R. VAN SCOYK), 14 November 1989 (14.11.1989), column 3, line 3 - line 45, figure 7	20
		
i		í

*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand		
"A"	document defining the general state of the art which is not considered to be of particular relevance		the principle or theory underlying the invention		
"E"	earlier application or patent but published on or after the international filing date	"X"	K" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive		
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other	step when the document is taken alone			
l	special reason (as specified)	"Y"	document of particular relevance: the claimed invention cannot be		
"0"	document referring to an oral disclosure, use, exhibition or other means		considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art		
"P"	document published prior to the international filing date but later than the priority date claimed		document member of the same patent family		
Date of the actual completion of the international search			Date of mailing of the international search report		
2 March 2004			0 3 -03- 2004		
L			0 0 00 2004		
Name and mailing address of the ISA/		Authorized officer			
Swe	edish Patent Office				
Box 5055, S-102 42 STOCKHOLM		Björn Lindkvist / MRo			

X See patent family annex.

INTERNATIONAL SEARCH REPORT

International application No.

<u> </u>	PCT	03/001861
<u> </u>	pation). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant pa	ssages Relevant to claim N
Y	EP 0332574 A1 (SCHIBLI, H.), 13 Sept 1989 (13.09.1989), figure 1, abstract	28-31,33-35
A		1-35
A	US 4265075 A (D.M. MOTSENBOCKER), 5 May 1981 (05.05.1981), column 1, line 44 - line 60, fig 5	1-35 jure
4	 DE 246733 C (M. BREIER ET AL), 9 May 1913 (09.05.1913), column 1, line 1 - line 19, figu	1.28-35
\	US 4136506 A (J. MILLER), 30 January 1979 (30.01.1979), abstract	20 .
	 US 4800709 A (E. LE TIXERANT), 31 January 1989 (31.01.1989), column 4, line 19 - line 24, fig 3,6,7	ures 20

INTERNATIONAL SEARCH REPORT

Information on the family members

24/12/2003

International application No.
PCT 03/001861

GB	2071986	A	30/09/1981	EP	0040294 A	25/11/1981
US	1637810	Α	02/08/1927	NONE	··	
US	4879865	Α	14/11/1989	NONE		
EP	0332574	A1	13/09/1989	СН	675239 A	14/09/1990
US	4265075	Α	05/05/1981	NONE	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
DE	246733	С	09/05/1913	NONE		
US	4136506	Α	30/01/1979	NONE		
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